

AMENDMENTS TO THE ABSTRACT

Please replace the Abstract of the Disclosure with the rewritten Abstract of the Disclosure, which is attached hereto as an Appendix. The Abstract has been amended as follows:

A microwell array chip having multiple microwells on a principal surface of a substrate, said microwells being of a shape and size permitting the storage of only a single organic cell in each microwell, wherein microwell markers are present on the same substrate surface as the openings of the microwells. A microwell array chip having multiple microwells on a principal surface of a substrate, said microwells being of a shape and size permitting the storage of only a single organic cell in each microwell, wherein protrusions are present in the openings of said microwells so as to narrow said openings. A method for manufacturing the microwell array chip. The method comprises the steps of: forming a film on at least one principal surface of a substrate; applying a resist coating on the film that has been formed; exposing the resist surface through a mask having a microwell pattern and removing uncured portions of resist; etching the exposed portions of said film and substrate to fabricate wells in the form of a microwell array; and removing the resist. A microwell array chip made of silicon and having multiple microwells, each microwell being used to store a single specimen organic cell, wherein each microwell is of a size and shape holding just one organic cell.

The present invention is directed to a microwell array chip made of silicon and having multiple microwells. Each microwell is used to store a single specimen organic cell. Each microwell is of a size and shape holding just one organic cell, and the interior surface of the microwells are coated with a fluorocarbon film.